MAR 19–20, 2018
8AM–5PM

RADIATION SAFETY
Principles, Practice, and Emerging Issues

COURSE DESCRIPTION
Radiation hazards continue to be a significant occupational and public health concern in the Pacific Northwest. In many workplaces, environmental health and safety practitioners are responsible for aspects of radiation safety and controls for protecting workers. Practitioners are often asked to answer fundamental technical questions about radiation, as well as about more complex issues, such as hazards from Fukushima, nuclear threats, and health risks from cell phone towers and power lines.

These two days of training cover both ionizing and non-ionizing radiation and are designed to give participants the opportunity to review the principles of radiation protection, regulations, and recordkeeping requirements, and to discuss the science of health risk and recommended safety practices for emerging sources of radiation. Participants will review industry case studies and participate in an interactive instrumentation lab.

WHAT YOU WILL LEARN
Upon completion of this training, participants will be able to:
• Review health hazards of ionizing and non-ionizing radiation, including new information and research
• Describe regulations and recordkeeping requirements for a Radiation Safety Officer (RSO) and/or an Environmental Health and Safety Manager
• Describe the concepts of radiation protection principles, including how to interpret measurements and evaluate risk
• Discuss science of health risks and recommended safety practices for new and emerging sources of radiation

ACCREDITATION
The American Academy of Health Physics has approved a maximum of 16 CEC for this activity. Approved course ID: 2018-03-001

American Board of Health Physics Certificate Maintenance (CM) points for this activity is pending. American Board of Industrial Hygiene Certification Maintenance (CM) can be obtained for this activity. Go to www.abih.org for CM credit criteria.
CEUs: 0.16, Contact Hours: 16.

See reverse side for more information.

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ENVIRONMENTAL & OCCUPATIONAL HEALTH SCIENCES • SCHOOL OF PUBLIC HEALTH • UNIVERSITY OF WASHINGTON
RADIATION SAFETY
Principles, Practice, and Emerging Issues

LOCATION
UW Medicine South Lake Union - Building C, Room C123
850 Republican St, Seattle, WA 98109

SPEAKERS
Brooke Buddemeier, MS, CHP, Principal Investigator in the Global Security Directorat,
Lawrence Livermore National Laboratory
Phil Campbell, CHP, MHP, RRPT, University of Washington Environmental Health and Safety
Tristan Hay, PhD, Radiation Physicist, Radioactive Materials Section, Office of Radiation
Protection, Washington State Department of Health
Christopher Simpson, PhD, MSc, Professor, UW DEOHS
Dana Stahl, MS, CIH, Instructor and Content Manager, Pacific Northwest OSHA Education
Center, UW DEOHS
Course Director: Jim Tarpinian, MS, Principal Consultant Tarpinian Consulting Services
Andrew Thatcher, MSPH, CHP, Principal Consultant, Lisa Thatcher, Inc.
Michael Yost, PhD, MS, Chair and Professor, UW DEOHS

WHO SHOULD ATTEND
Safety professionals, industrial hygienists, health physicists, radiation safety officers,
environmental health and safety directors, safety committee members, risk managers, safety
professionals who are non-primary RSOs, emergency planners and responders, security
professionals, biomedical researchers, Public Health Reserve Corps, and other occupational
health professionals.

REGISTRATION
Participants may register for one or both days of the training. Both days will cover radiation
principles, regulations, occupational exposure, and health risk. Day 1 will focus on non-ionizing
radiation with additional content on current research and emerging topics such as cell towers
and UV, while Day 2 will focus on ionizing radiation with industry case studies and emergency
planning. Prices are as follows:

One-day
Standard: $195
Government: $145
Student: $97.50

Both days
Standard: $295
Government: $245
Student: $147.50

After March 2, 2018 a $50 late fee will apply to all registrations.

To register, please visit osha.washington.edu or contact us at 206-685-3089 or
ce@uw.edu. Government and student registrations must be processed over the phone
or via e-mail.

INFORMATION
Northwest Center for Occupational Health and Safety
Phone: 206-685-3089
Web: osha.washington.edu
E-mail: ce@uw.edu
Social: @UWDEOHSCE

CONTINUING EDUCATION PROGRAMS
NORTHWEST CENTER FOR OCCUPATIONAL HEALTH AND SAFETY
DEPARTMENT OF ENVIRONMENTAL AND OCCUPATIONAL HEALTH SCIENCES
University of Washington School of Public Health

To request disability accommodation, contact the Disability Services Office at least 10 days in advance at: 206-543-6450 (voice);
206-543-6452 (TDY); 206-685-7264 (FAX); or dso@u.washington.edu (e-mail)